

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B		Attorney Docket Number	51739/DBP/Y35
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/751,341
		Filing Date	January 2, 2004
		Applicant(s)	Jae-Ik Kwon et al
		Group Art Unit	2879
		Examiner Name	N/A

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
ab		6,608,441 B2	08-19-2003	Kunii et al
ab		US2002/0063510A1	05-30-2002	Yura et al

FOREIGN PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document T <sup>6</sup> (✓)
ab		KR2003-0061079	07-18-2003	Ahn et al w/English Korean Patent Abstracts
		KR2001-0093724	10-29-2001	Morikawa et al w/English Korean Patent Abstracts
		KR10-2004-0032508	04-17-2004	Lee w/English Korean Patent Abstracts
		JP2001-210241	08-03-2001	Kosaka w/English patent Abstracts of Japan
		JP2002-83545	03-22-2002	Kunii et al w/English Patent Abstracts of Japan
		JP2000-195431	07-14-2000	Komaki et al w/English Patent Abstracts of Japan
		EP2003-303551	10-24-2003	Kan w/English EPO Patent Abstracts of Japan
		EP2003-303550	10-24-2003	Kan w/English EPO Patent Abstracts of Japan
		JP2002-245943	08-30-2002	Sakurai w/English EPO Patent Abstracts of Japan
		EP 1 263 014 A1	12-04-2002	Shiu-Bin et al
ab		WO00/46832	08-10-2000	Namiki et al Including English Abstract

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OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		European Patent Office Search Report, dated February 3, 2005, for application no. 04090020.1, in the name of Samsung SDI Co., Ltd.
		Korean Patent Abstracts for publication number 1020030061079, with a date of publication of July 18, 2003, in the name of Y. Ahn et al
		Korean Patent Abstracts for publication number 1030010093724, with a date of publication of October 29, 2001, in the name of K. Morikawa et al
		Korean Patent Abstracts for publication number 1020040032308, with a date of publication of April 17, 2004, in the name of B. Lee
		Patent Abstracts of Japan for publication number 2001-210241, with a date of publication of August 3, 2001, in the name of T. Kesaka
		Patent Abstracts of Japan for publication number 2002-083545, with a date of publication of March 22, 2002, in the name of Y. Kunii et al
		Patent Abstracts of Japan for publication number 2000-195491, with a publication date of July 14, 2000, in the name of T. Komaki et al
		European Patent Office Patent Abstracts of Japan for publication number 2003-303551, with a publication date of October 24, 2003, in the name of S. Kan
		European Patent Office Patent Abstracts of Japan for publication number 2003-303550, with a publication date of October 24, 2003, in the name of S. Kan
		European Patent Office Patent Abstracts of Japan for publication number 2002-245943, with a publication date of August 30, 2002, in the name of T. Sakurai

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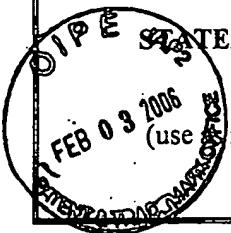
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Examiner Name	Ashok Patel

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
ab		6,249,264 B1	06-19-2001	Sano et al.
		6,376,986 B1	04-23-2002	Takagi et al.
		6,495,957 B2	12-17-2002	Kurogi et al.
		6,534,914 B2	03-18-2003	Amemiya et al
		6,639,363 B2	10-28-2003	Amatsuchi et al.
		6,657,386 B2	12-02-2003	Koshio et al
		6,670,754 B1	12-30-2003	Murai et al
		6,703,772 B2	03-09-2004	Hasegawa et al.
		6,853,136 B2	02-08-2005	Kim et al.
		2003/0193487 A1	10-16-2003	Yatsuda et al.
		2004/0051457 A1	03-18-2004	Kimura et al.
ab		2004/0085264 A1	05-06-2004	Takada et al.

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> ( <input checked="" type="checkbox"/> )
ab		JP 10-283934	10-23-1998	Tokunaga et al	w/English Patent Abstracts of Japan
		JP 11-345570	12-14-1999	Murata et al	w/English Patent Abstracts of Japan
		JP 2000-11899	01-14-2000	Amamiya	w/English Patent Abstracts of Japan
		JP 2000-21313	01-21-2000	Yoshida et al	w/English Patent Abstracts of Japan
ab		JP 2000-323045	11-24-2000	Takagi et al	w/English Patent Abstracts of Japan

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ab		JP 2001-283734	10-12-2001	Nishimura et al	w/English Patent Abstracts of Japan
ab		JP 2002-373593	12-26-2002	Kanda	w/English Patent Abstracts of Japan

OTHER DOCUMENTS	
EXAMINER INITIALS	Cite No. <sup>1</sup>
	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Patent Abstracts of Japan for Publication Number: 10-283934; Date of publication of application: October 23, 1998, in the name of Tsutomu Tokunaga et al
	Patent Abstracts of Japan for Publication Number: 11-345570; Date of publication of application: December 14, 1999, in the name of Takaaki Murata et al
	Patent Abstracts of Japan for Publication Number: 2000-011899; Date of publication of application: January 14, 2000, in the name of Kimio Amamiya
	Patent Abstracts of Japan for Publication Number: 2000-021313; Date of publication of application: January 21, 2000, in the name of Kenji Yoshida et al
	Patent Abstracts of Japan for Publication Number: 2000-323045; Date of publication of application: November 24, 2000, in the name of Kazuki Takagi et al
	Patent Abstracts of Japan for Publication Number: 2001-283734; Date of publication of application: October 12, 2001, in the name of Sukefuki Nishimura et al
	Patent Abstracts of Japan for Publication Number: 2002-373593; Date of publication of application: December 26, 2002, in the name of Hiroshi Kanda

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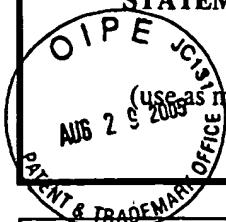
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ab		US2005-9991551 A1	01-06-2005	Kim et al
		US2005-0029939 A1	02-10-2005	Woo et al
		US2005-0017637 A1	01-27-2005	Kang et al
		US2004/0263078 A1	12-30-2004	Woo et al
		5,640,068	06-17-1997	Amemiya
		5,952,782	09-14-1999	Nanto et al
		6,200,182	03-13-2001	Nanto et al
		6,288,488	09-11-2001	Amemiya
ap		6,424,095	07-23-2002	Hirao et al

**FOREIGN PATENT DOCUMENTS**

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ab		JP10-308179	11-17-1998	Aoto et al	w/English Patent Abstracts of Japan
		JP2001-160361	06-12-2001	Yura et al	w/English Patent Abstracts of Japan
		JP2002-324488	11-08-2002	Hirano et al	w/English Patent Abstracts of Japan
		JP4-298936	10-22-1992	Oakjima	w/English Patent Abstracts of Japan
		KR1998-030878	08-17-1998	Choi	w/English Korean Utility Model Abstracts
		KR2002-0036012	05-16-2002	Kim	w/English Korean Patent Abstracts
ab		KR2002-0069025			See 6,424,095 above

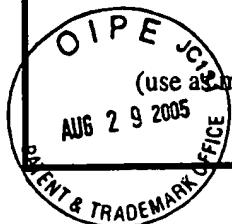
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OTHER DOCUMENTS

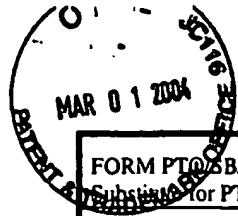
EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		Patent Abstracts of Japan for Publication number 10-308179; Date of publication of application November 17, 1998, in the name of K. Aoto et al
		Patent Abstracts of Japan for Publication number 2001-160361; Date of publication of application June 12, 2001, in the name of S. Yura et al
		Patent Abstracts of Japan for Publication number 2002-324488; Date of publication of application November 8, 2002, in the name of N. Hirano et al
		Patent Abstracts of Japan for Publication number 04-298936; Date of publication of application October 22, 1992, in the name of T. Okajima
		Korean Utility Model Abstracts for Publication Number 2019980030878; Date of Publication of application August 17, 1998, in the name of B. Choi
		Korean Patent Abstracts for Publication number 1020020036012; Date of publication of application May 16, 2002, in the name of U. Kim

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	Group Art Unit	N/A
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		10/746,540	Filed 12-23-2003	Kwon, et al.
		10/746,541	Filed 12-23-2003	Kwon, et al.

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	FOREIGN PATENT DOCUMENT Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> (✓)

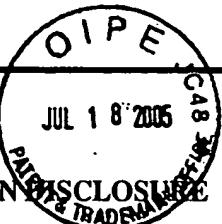
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al		KR2001-0062222	07-07-2001	Amemiya et al	w/ English Korean Patent Abstracts
		JP2002-245943	08-30-2002	Morikawa et al	w/English Patent Abstracts of Japan
		KR1999-0062632	07-26-1999	Akiba	See EP 0 920 048 A2
		EP 0 920 048 A2	06-02-1999	Akiba	
as		KR 1999-0065408	08-05-1999	Lee	w/English Korean Patent Abstracts

OTHER DOCUMENTS

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		Korean Patent Abstracts for Publication No. 1020010062222, publication date of July 7, 2001, in the name of K. Amemiya et al.
		Patent Abstracts of Japan for Publication No. 2002-245943, publication date of August 30, 2002, in the name of K. Morikawa et al.
		Korean Patent Abstracts for Publication No. 1019990065408A, publication date of August 5, 1999, in the name of S. Lee

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af		JP 2002-190256	07-05-2002	Takada, et al.	Patent Abstracts of Japan

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		Patent Abstracts of Japan, Publication No. 2002-190256, Date of Publication 05.07.2002, in the name of Takada, et al.

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<p>FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>	Attorney Docket Number	51739/Y35
	Application Number	10/751,341
	Filing Date	January 2, 2004
	Applicant(s)	Jae-Ik Kwon, et al.
	Group Art Unit	2879
	Examiner Name	Ashok Patel

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE

FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> ( <input checked="" type="checkbox"/> )
ab		KR 2001-0016651	03-05-2001	Park	Korean Patent Abstracts
ab		KR 2002-0055807	07-10-2002	Kim	Korean Patent Abstracts
ab		KR 2003-0044667	06-09-2003	Lee	Korean Patent Abstracts

OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
<i>Duplicate ref</i>		Korean Patent Abstracts, Publication Number: 1020010016651 A, Publication Date: 03-05-2001; in the name of Park.
		Korean Patent Abstracts, Publication Number: 1020020055807 A, Publication Date: 07-10-2002; in the name of Kim
		Korean Patent Abstracts, Publication Number: 1020030044667 A; Publication Date: 06-09-2003; in the name of Lee

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**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> ( <input checked="" type="checkbox"/> )
ab		JP 5-94772	04-16-1993	Noborio	Patent Abstracts of Japan
		JP 10-334811	12-18-1998	Aoki et al.	Patent Abstracts of Japan
		JP 11-96921	04-09-1999	Tomioka et al.	Patent Abstracts of Japan
		JP 11-317170	11-16-1999	Kado et al.	Patent Abstracts of Japan
		JP 2000-42661	02-15-2000	Arima et al.	Patent Abstracts of Japan
		JP 2000-357459	12-26-2000	Jae et al.	Patent Abstracts of Japan
ab		JP 2002-260537	09-13-2002	Ito et al.	Patent Abstracts of Japan

**OTHER DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		Patent Abstracts of Japan, Publication Number: 05-094772, Publication Date: 04-16-1993, in the name of Noborio.
		Patent Abstracts of Japan, Publication Number: 10-334811, Publication Date: 12-18-1998, in the name of Aoki et al.
		Patent Abstracts of Japan, Publication Number: 11-96921, Publication Date: 04-09-1999, in the name of Tamioka et al.

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Group Art Unit	2879
Examiner Name	Ashok Patel

**OTHER DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		Patent Abstracts of Japan, Publication Number: 11-317170; Publication Date: 11-16-1999; in the name of Kado et al.
		Patent Abstracts of Japan, Publication Number: 2000-042661; Publication Date: 02-15-2000; in the name of Arima et al.
		Patent Abstracts of Japan, Publication Number: 2000-357459; Publication Date: 12-26-2000; in the name of Jae et al.
		Patent Abstracts of Japan, Publication Number: 2002-260537; Publication Date: 09-13-2002; in the name of Ito et al.

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	Group Art Unit	N/A
	Examiner Name	N/A

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		5,661,500	08-26-1997	Shinoda, et al.

FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No. <sup>1</sup>	FOREIGN PATENT DOCUMENT Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> ( <input checked="" type="checkbox"/> )
ab		JP 10-149771	06-02-1998	Yatsuda, et al.	Patent Abstract of Japan
ab		JP 2001-345054	12-14-2001	Sano, et al.	Patent Abstract of Japan
ab		JP 2002-231146	08-16-2002	Yura, et al.	Patent Abstract of Japan

OTHER DOCUMENTS		
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<i>Duplicate</i>		Patent Abstract of Japan, Publication Number 10-149771, Published on 06-02-1998, in the name of Yatsuda, et al.
		Patent Abstract of Japan, Publication Number 2001-345054, Published on 12-14-2001, in the name of Sano, et al.
		Patent Abstract of Japan, Publication Number 2002-231146, Published on 08-16-2002, in the name of Yura, et al.

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